

SPECIAL AIRWORTHINESS INFORMATION BULLETIN

Aircraft Certification Service
Washington, DC



U.S. Department
of Transportation

**Federal Aviation
Administration**

CE-05-35
March 4, 2005

www.faa.gov/certification/aircraft

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin (SAIB) informs you, registered owners and operators of **Cessna Models 402C and 414A airplanes**, of an alternative method of compliance (AMOC) to FAA's Airworthiness Directive (AD) 2005-05-52. This AMOC allows you to do an alternative inspection at different compliance times for a specified time period.

The AMOC

There is a limited availability of equipment (reference standard) necessary to do the eddy current inspection required by emergency AD 2005-05-52. If your airplane is required to have eddy current inspection of the forward spar, you may delay the initial inspection as presented in the attached letter.

NOTE: The location of the nearest service center where you may order the reference standard may be found at
<http://customer.cessna.com/se/locator.shtml>.

The AMOC is detailed in and approved through FAA letter, dated March 4, 2005. A copy is attached.

For Further Information Contact

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U.S. Department
of Transportation
**Federal Aviation
Administration**

Small Airplane Directorate
Wichita Aircraft Certification Office
1801 Airport Road, Room 100
Wichita, Kansas 67209

March 4, 2005

To: Directorate ID 2005-CE-07-AD;
Docket FAA-2005-20513

Subject: Alternative Method Of Compliance (AMOC)
Airworthiness Directive (AD) 2005-05-52

The Approval

This letter is issued to approve an alternative method of compliance to AD 2005-05-52, which applies to The Cessna Aircraft Company (Cessna) Models 402C and 414A airplanes.

For Additional Information:

Contact Paul Nguyen, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Mid-Continent Airport, Wichita, Kansas 67209; telephone: (316) 946-4125; facsimile: (316) 946-4107; e-mail: paul.nguyen@faa.gov.

The AMOC

There is a limited availability of equipment (reference standard) necessary to do the eddy current inspection required by emergency AD 2005-05-52. If your airplane is required to have eddy current inspection of the forward spar, you may delay the initial inspection as follows:

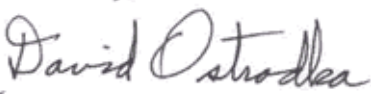
<u>If ...</u>	<u>Then ...</u>	<u>When ...</u>
AD 2005-05-52 requires an initial eddy current inspection of the forward wing spar and equipment is not available to do that inspection.	You may delay the initial eddy current inspection provided you visually inspect the forward, aft, and auxiliary spars using the service information in AD 2005-05-52. You must have documentation that the equipment is on order with Cessna.	At the first inspection required by AD 2005-05-52, and thereafter at intervals not to exceed 15 hours TIS.

<u>If ...</u>	<u>Then ...</u>	<u>When ...</u>
You delayed the initial eddy current inspection.	1. You must do the above-referenced AMOC repetitive visual inspections.	1. Every 15 hours TIS until you receive the equipment (eddy current reference standard) from Cessna.
	2. You must do the initial eddy current inspection.	2. At the next scheduled visual inspection per this AMOC after whichever of the following occurs first: <ul style="list-style-type: none"> • You receive the equipment from Cessna; or • Prior to further flight after April 2, 2005.
You have done the initial eddy current inspections of the front spar.	You must reinspect per AD 2005-05-52. This AMOC does not apply to repetitive inspections after the initial eddy current is done.	At intervals not to exceed 100 hours TIS per AD 2005-05-52.

If choosing to use this AMOC, you should insert a copy of this letter in your logbook and/or maintenance records.

NOTE: The location of the nearest service center where you may order the reference standard may be found at <http://customer.cessna.com/se/locator.shtml>.

Sincerely,

for 

Eual M. Conditt, Jr.
Associate ACO Manager, Airframe & Services
Wichita Aircraft Certification Office